
Contents

Part I Definitions of Severe and Necrotizing Pancreatitis

- 1 Revised Atlanta Classification of Acute Pancreatitis.....** 3
Rupjyoti Talukdar and Santhi Swaroop Vege
- 2 Organ Failure and Acute Pancreatitis** 15
Colin D. Johnson
- 3 Sterile and Infected Pancreatic Necrosis.....** 29
Elham Afghani and Vikesh K. Singh
- 4 Evolving Definitions of Severe Acute Pancreatitis** 45
John A. Windsor and Maxim S. Petrov

Part II Predictors and Characteristics of Severe Acute and Necrotizing Pancreatitis

- 5 Clinical Predictors.....** 57
Rawad Mounzer and Georgios I. Papachristou
- 6 Imaging Predictors.....** 67
Thomas L. Bollen
- 7 Predictive Scoring Systems in Acute Pancreatitis.....** 87
Kavya M. Reddy and Bechien U. Wu

Part III Medical Management of Severe and Necrotizing Acute Pancreatitis

- 8 Fluid Resuscitation in Acute Pancreatitis.....** 101
Kartik Sampath and Timothy B. Gardner
- 9 Antibiotic Therapy.....** 115
Wesley Leung and Andres Gelrud
- 10 Nutrition in Severe Acute Pancreatitis.....** 123
Kishore Vipperla and Stephen J. O’Keefe
- 11 Pharmacologic Therapy** 133
Walter G. Park

Part IV Interventional Management of Severe and Necrotizing Acute Pancreatitis

12 Management of Ductal Leaks	151
Michael C. Larsen and Richard Kozarek	
13 Endoscopic Management of Severe Gallstone Pancreatitis	169
Takao Itoi and Peter V. Draganov	
14 Direct Endoscopic Necrosectomy	179
Todd H. Baron	
15 Retroperitoneoscopic Approaches for Infected Necrotizing Pancreatitis	189
Janneke van Grinsven, Marc G. Besselink, Olaf J. Bakker, Sandra van Brunschot, Marja A. Boermeester, and Hjalmar C. van Santvoort	
16 Surgical Approaches	197
Roshni Venugopal, Kristin Pokorney-Colling, and Greg J. Beilman	
17 Interventions for Necrotizing Pancreatitis: A Multidisciplinary Approach	209
Martin L. Freeman, Guru Trikudanathan, Mustafa Arain, Greg J. Beilman, Shawn Mallery, and Rajeev Attam	
Index	231

<http://www.springer.com/978-1-4939-0970-4>

Prediction and Management of Severe Acute
Pancreatitis

Forsmark, C.E.; Gardner, T.B. (Eds.)

2015, XI, 236 p. 82 illus., 30 illus. in color., Hardcover

ISBN: 978-1-4939-0970-4